KENT ANNESS
GIS MANAGER, DGI

Educational Background
Bachelor of Arts in Geography with a specialization in Cartographic Production and Planning
University of Kentucky, Lexington, KY - 1988

Has completed work towards a Master Degree from University of Kentucky in Geography with a focus on Regional Planning and Geographic Information Systems (GIS)

Professional Experience

1988-1998:   *Bluegrass Area Development District - GIS Manager*

1998-2004:   *Kentucky Infrastructure Authority (KIA)/Water Resource Information System (WRIS) - GIS Manager*

2005-Present: Kentucky Division of Geographic Information, GIS Manager

Presently employed as the GIS Manager for the Division of Geographic Information, within the Commonwealth Office of Technology. Kent is a native Kentuckian and geographer/cartographer with a BA from the University of Kentucky.

While with the Bluegrass ADD he served as the GIS Manager responsible for the supervision and management of a GIS specialist, technicians and interns within the Department. GIS related tasks included the maintenance and utilization of the ADDs GIS (ARC/INFO) on various planning, economic development, tourism, and human services related projects, designed, published, and maintained the ADDs Internet homepage, and served as the ADDs Novell and Windows NT network administrator. Significant cartographic products compiled while at Bluegrass ADD include the *1995-97 Kentucky Highway Maps*, *Kentucky Bicycle Tour Guides*, and *Lexington-Fayette County's Land Use and Street Maps*.

In his role as GIS Manager for the Water Resource Information System (WRIS) within the Kentucky Infrastructure Authority (KIA), he was responsible for the technical aspects of developing and maintaining the WRIS. The information (both spatial and non-spatial) housed in the WRIS is the result of a massive water and sewer system inventory conducted by the Commonwealth's15 ADDs on behalf of the WRIS. Subsequent field verification of the data occurs regularly and is coordinated by the WRIS. No other state in the nation has such detailed water and wastewater infrastructure available to the GIS Community. Kentucky's WRIS was a recipient of ESRI's 2000 Special Achievement in GIS Award. This recognition was shared equally with Kentucky's ADDs. Kent acted as the primary architect of the digital/on-line version of the WRDC's report to the Governor, <u>*Water-Resource Development: A Strategic Plan (1999-2000)*</u>.

As GIS Manager of the Division of Geographic Information, Kent is the primary technical staff person that maintains the Kentucky Geography Network (KYGEONET). The KYGEONET

is one of the country's first implementations of ESRI's Geography Network (Metadata Service) web services software and offers a variety of geospatial resources for on-line viewing or download. Kent manages the components and related resources, that combined, comprise the DGI computing environment. The in-house development of internet mapping applications, web pages, data download portals, and other computer related services that are required to interact the myriad of State Agencies that leverage the DGI data resources are carried out by this Geoprocessor. Configuration and ongoing maintenance of the DGI server environment is conducted as well. Compliance with COT's Enterprise Architecture Standards is also insured and assistance is provided to other staff as required.